

## CLAIMS

We claim:

1. An apparatus for insertion into a body cavity, comprising:

an elongate body having a proximal end and a selectively steerable distal end and defining at least one lumen therebetween, the elongate body comprising a plurality of segments interconnected via joints; and

at least one motor attached to each of at least a majority of segments for actuating an adjacent segment and wherein each motor is independently controllable,

wherein when the distal end assumes a selected curve, the plurality of segments are configured to propagate the selected curve along the elongate body by each motor selectively actuating the adjacent segment.